# BRUHATH BENGALURU MAHANAGARA PALIKE

**Yelahanka Division, Yelahanka Zone**

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/08/2020-21 Dated: 26-11-2020

## APPROVED TENDER SCHEDULE –'B'

Item 04

Name of Work :-Providing pipeline and Construction chambers to disposal of rain water at Kurlappa layout low laying areas in Kempegowda ward no:01

| Sl | Description | Unit | Approved Qty | Rate quoted by the contractor approved rates Sri H E Shashikala ( SRI SHAKTHI GANAPATHI CONSTRUCTION CO ) | |
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| | | | | Rate | Rate in Words |
| 1 | Conducting the level and strip of SURVEY of alignment of Main sewers of required diameter including all data required for generating GIS map of sewer network, preparation and submission of plan and LS with ground level at 30 M intervals and junction points along the centre line of the alignment etc. showing the right of way, any permanent features, culverts, branch sewer pipe etc. complete as per specifications and as directed by the Engineer in charge with all lead and lifts etc. complete for Sewer pipes upto 300 mm dia | Rmt | 863.00 | 20.96 | Twenty Paise NinetySix Only |
| 2 | Earth work in EXCAVATION FOR PIPELINE TRENCHES 600 mm to 1500 mm trench width by mechanical manual means as per drawing and technical specifications, including setting out, shoring, strutting, barricading, danger lighting bracing, using sight rails & boning rods at every 100 M wherever necessary as directed, removal of stumps and other deleterious matters, dressing of sides & levelling the bottom of trench to the extent required, utilizing the available excavated earth locally for the work etc. complete IN ORDINARY SOILS ALL SOILS HARD SOILS etc. for Depth up to 2.0 M in all types of soil | Cum | 1915.84 | 281.91 | Two Hundred EightyOne Paise NinetyOne Only |
| 3 | Above 2.m up to 4.0m excavation of MH at Komdappa layout.RCC Pipe line excavation water lead off | Cum | 355.00 | 317.54 | Three Hundred Seventeen Paise FiftyFour Only |

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H.E. Shashikala
Proprietor

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| | xtra charges for excavation in all classifications in watery situations or foul conditions may be paid duly obtaining approval from the Chief Engineer as under towards DEWATERING with recuperation up to two meter depth and thereof for:(BWSSB SR 2017-18,Sl no15.0,P.no56)excavation & laying of pipe line in Live sanitary line | Cum | 1409.57 | 63.93 | SixtyThree Paise NinetyThree Only |
| 5 | Carting of excavated earth of all types up to a distance mentioned below and re-carting back the earth to the same site by vehicle including loading, unloading charges for to & fro, with all lifts, labour, HOM of machinery etc. complete, after obtaining the approval of the Chief Engineer, for: Distance 2 to 3 KM | Cum | 1367.89 | 300.78 | Three Hundred Paise SeventyEight Only |
| 6 | KSRB 2.3 : Filling available excavated earth ( excluding rock ) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 ( KPWD SR 2018-19, P no.7,I No.2.10) | Cum | 2004.93 | 210.65 | Two Hundred Ten Paise SixtyFive Only |
| 7 | Providing and constructing "wire cut brick manhole chambers using sulphate resistant cement, conical in shape at top with C.C. 1:3:6 foundation using 40 mm and down size graded metal of approved quality and with an offset of 0.15 m alround the chamber and brick masonry in C.M. 1:4 plaster with wire cut bricks of approved quality and CM plaster 1:3 proportion 12 mm thick inside and outside except for the conical surface outside where the thickness of plaster shall be 20 mm thick, with 1:6 slope in the concrete towards the central drain, finished smooth and fixing of pipes in CC 1:2:4 graded metal of 20 mm and down size including conveying to work spot supplying & fixing SFRC manhole frame and cover confirming to IS:12592 with latest amendments in CC 1:2:4, supplying and fixing of minimum 3 mm thick encapsulated plastic footsteps (as per IS 10910) on 12 mm dia, Grade Fe-415 steel bar (as per IS 1786) staggered at 30 cms apart as detailed in Technical Specifications and as directed, watering, curing, barricading, danger lighting, pouring tar over MH frame and cover, cost of tar, shoring, strutting, dewatering, engraving manhole No. with flow direction on | Nos | 20.00 | 32273.16 | ThirtyTwo Thousand Two Hundred SeventyThree Paise Sixteen Only |

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H.E - Shakthivela
Proprietor

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| | ) above 2.0m below3.m (44961-30795 | Rmt | 3.50 | 14845.97 | Fourteen Thousand Eight Hundred FourtyFive Paise NinetySeven Only |
| 9 | c) For 3.00m depth | Nos | 3.00 | 47119.13 | FourtySeven Thousand One Hundred Nineteen Paise Thirteen Only |
| 10 | Installation of steel product pipe by HDD method including preparing and setting up the plant and equipment, preparing new pipe work materials, installing new pipe work and commissioning system or making the system ready for commissioning by HDD operation including all related civil and mechanical works like excavation, shoring / strutting etc. drilling, stringing, ramming and pulling back the new work on the design bore path alignment, proper disposal of drilling fluid and restoration of site after completion etc. for horizontal directional drilling technique suiting Indian conditions in all types of soil including the cost of sleeve /casing pipe etc a) For pipes of 400 mm dia and 6 mm thick | Rmt | 60.00 | 14324.06 | Fourteen Thousand Three Hundred TwentyFour Paise Six Only |
| 11 | Supplying DOUBLE WALL CORRUGATED (External annul corrugated & smooth internal wall) (DWC) of class SN 8, piping system in accordance with IS 16098 (Part-2) and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading and unloading at both destinations and cuts of pipes wherever necessary including jointing with all labour, lead & lifts, including encasing the pipes alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS | Rmt | 682.80 | 1163.28 | One Thousand One Hundred SixtyThree Paise TwentyEight Only |

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| | Supplying S&S RCC SPUN VIBRATED CAST PIPES REINFORCED pipes NP-3 Class conforming to IS 458 1988 with latest amendments using ordinary portland cement, for sanitary works and conveying to work site, rolling and lowering into trenches, laying true to line and level including loading and unloading at both destinations and jointing of pipes and specials including cost of specials, perfect linking of joints with jack to correct position including cost of jointing materials, i.e, rubber rings conforming to IS: 5382 for S&S RCC pipes, with all leads and lifts as directed and giving necessary hydraulic test as per ISS to the required pressure and commissioning etc. complete. (Contractor will make his own arrangements for procuring water for testing). Before the execution of the work, the contractor shall carry out the survey and will be paid extra for the same as per seperate item.:RCC NP3 Class pipe of 450 mm dia | Rmt | 177.50 | 2240.62 | Two Thousand Two Hundred Fourty Paise SixtyTwo Only |
| 13 | Supplying & fixing of DI Resilient seated soft sealing sluice valve with body,<br>bonnet of ductile Iron of grade GGG50, Wedge fully rubber lined with EPDM & seals of NBR and the valves should be vacuum tight and 100% leak proof with face dimensions as per BS 5163 -89 IS 14846 -2000 DIN 3202 F F5. The stem sealing should be with toroldal sealing rings (Minimum 2 O rings). All the valves should be with Electro static power coating both inside and outside with pocket less body passage. The rate is inclusive of cost of valve, T.P.Set bolts & nuts and rubber insertions, excluding earthwork | Nos | 1.00 | 193478.62 | One Lakh NinetyThree Thousand Four Hundred SeventyEight Paise SixtyTwo Only |

Signature of the Contractor

Sri Shakthi Ganapathi Construction Company

H.E Shashirala
Proprietor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.